

Author Index

- Aldrich, T. K.: The application of muscle endurance training techniques to the respiratory muscles in COPD (Review) 15
- Appel, D., s. Karpel, J. P., et al. 151
- Balbi, B., s. Rossi, G. A., et al. 83
- Balzano, E., s. Rossi, G. A., et al. 83
- Barrios, R., s. Fortoul, T. I., et al. 305
- Belanger, J., s. Carre, Ph., et al. 117
- Bleasdale, J. E., Tyler, N. E., Snyder, J. M.: Subcellular sites of synthesis of phosphatidylglycerol and phosphatidylinositol in type II pneumocytes 345
- Bray, B. A., Keller, S., Mandl, I., Turino, G. M.: Collagenous membrane from the surface of human visceral pleura 361
- Burhop, K. E., s. Malik, A. B., et al. 193
- Butler, J. A., s. Patterson, C. E., et al. 23
- Byrne, F. D., s. Patterson, C. E., et al. 23
- Cano-Valle, F., s. Fortoul, T. I., et al. 305
- Carre, Ph., Laviolle, M., Belanger, J., Cormier, Y.: Technical variations of bronchoalveolar lavage (BAL): influence of atelectasis and the lung region lavaged 117
- Cerri, E., s. Rossi, G. A., et al. 83
- Chagnon, M., Gentile, J., Gladu, M., Sirois, P.: The mechanism of action of leukotrienes A₄, C₄ and D₄ on human lung parenchyma in *vitro* 55
- Chandler, D. B., Fulmer, J. D.: Pulmonary vasculitis (Review) 257
- Christensen, T. G., Janeczek, A. H.: Response of the tracheobronchial epithelium to hemoprotein tracers 95
- Clay, T. P., Thompson, M. A.: Irritant induced cough as a model of intrapulmonary airway reactivity 183
- Cormier, Y., s. Carre, Ph., et al. 117
- Delpierre, S., Fornaris, M., Pelissier, J. F., Payan, M. J.: Contractile and histochemical characteristics of the rabbit diaphragm in elastase-induced emphysema 221
- Di Negro, G. B., s. Rossi, G. A., et al. 83
- Dormans, J. A. M. A.: The alveolar type III cell 327
- Findley, L. J., s. Wilhoit, S. C., et al. 233
- Fleisher, J. H., Pinnas, J. L.: *In vitro* studies on the relative potency of bronchodilator agents 161
- Fornaris, M., s. Delpierre, S., et al. 221
- Fortoul, T. I., Cano-Valle, F., Oliva, E., Barrios, R.: Follicular bronchiolitis in association with connective tissue diseases 305
- Fulmer, J. D., s. Chandler, D. B. 257
- Gatto, L. A.: pH of mucus in rabbit trachea: cholinergic stimulation and block 109
- Gentile, J., s. Chagnon, M., et al. 55
- Gillespie, D. J., Hyatt, R. E. (with Schroeder, M. A.): Effect of ventilation by high-frequency oscillation on lung and chest wall mechanics in the dog 317
- Gladu, M., s. Chagnon, M., et al. 55
- Haagsman, H. P., van Golde, L. M. G.: Lung surfactant and pulmonary toxicology (Review) 275
- Heath, M. F., Jacobson, W.: The inhibition of lysosomal phospholipase A from rabbit lung by ambroxol and its consequences for pulmonary surfactant 337
- Hyatt, R. E., s. Gillespie, D. J. 317
- Jacobson, W., s. Heath, M. F. 337
- Janeczek, A. H., s. Christensen, T. G. 95
- Karpel, J. P., Appel, D., Merav, A.: Pulmonary endometriosis 151
- Kasafirek, E., s. Krepela, E., et al. 33
- Keller, S., s. Bray, B. A. 361
- Kerr, J. S., s. Riley, D. J. 1
- Kolar, Z., s. Krepela, E., et al. 33
- Krepela, E., Viccar, J., Zizkova, L., Kasafirek, E., Kolar, Z., Lichnovsky, V.: Dipeptidyl peptidase IV in mammalian lungs 33
- Kumar, R. K., Lykke, A. W. J., Truscott, J. Y., Watkins, S. G., Smith, G. J.: Immunohistochemical identification of type 2 pneumocytes by an antibody to a lamellar body-enriched fraction of lung homogenate 243
- Laviolle, M., s. Carre, Ph., et al. 117
- Lichnovsky, V., s. Krepela, E., et al. 33
- Lykke, A. W. J., s. Kumar, R. K., et al. 243
- Malik, A. B., Selig, W. M., Burhop, K. E.: Cellular and humoral mediators of pulmonary edema (Review) 193
- Mandl, I., s. Bray, B. A. 361
- Marcy, T. W., Reynolds, H. Y.: Pulmonary histiocytosis X (Review) 129
- McTier, R. F., s. Wilhoit, S. C., et al. 233
- Merav, A., s. Karpel, J. P., et al. 151
- Michael, J. R., Summer, W. R.: Pulmonary hypertension (Review) 65
- Oliva, E., s. Fortoul, T. I., et al. 305
- Patterson, C. E., Butler, J. A., Bryne, F. D., Rhodes, M. L.: Oxidant lung injury: intervention with sulphydryl reagents 23

- Payan, M. J., s. Delpierre, S., et al. 221
Pelissier, J. F., s. Delpierre, S., et al. 221
Pinnas, J. L., s. Fleisher, J. H. 161
- Ramoino, R., s. Rossi, G. A., et al. 83
Ravazzoni, C., s. Rossi, G. A., et al. 83
Reynolds, H. Y., s. Marcy, T. W. 129
Rhodes, M. L., s. Patterson, C. E., et al. 23
Riley, D. J., Kerr, J. S.: Oxidant injury of the extracellular matrix: potential role in the pathogenesis of pulmonary emphysema (*Review*) 1
Rossi, G. A., Di Negro, G. B., Balzano, E., Cerri, E., Sacco, O., Balbi, B., Venturini, A., Ramoino, R., Ravazzoni, C.: Suppression of the alveolitis in pulmonary sarcoidosis by oral corticosteroids 83
- Sacco, O., s. Rossi, G. A., et al. 83
Satake, T., s. Suzuki, R., et al. 173
Selig, W. M., s. Malik, A. B., et al. 193
Sirosis, P., s. Chagnon, M., et al. 55
Smith, G. J., s. Kumar, R. K., et al. 243
Snyder, J. M., s. Bleasdale, J. E. 345
Summer, W. R., s. Michael, J. R. 65
Suratt, P. M., s. Wilhoit, S. C., et al. 233
Suzuki, R., Takagi, K., Satake, T.: Changes in muscarinic acetylcholine receptors in guinea-pig lung: effects of aging, inhalation of an allergen, administration of drugs, and vagotomy 173
- Takagi, K., s. Suzuki, R., et al. 173
Thompson, M. A., s. Clay, T. P. 183
Truscott, J. Y., s. Kumar, R. K., et al. 243
Turino, G. M., s. Bray, B. A. 361
Tyler, N. E., s. Bleasdale, J. E. 345
- van Golde, L. M. G., s. Haagsman, H. P. 275
Venturini, A., s. Rossi, G. A., et al. 83
Viccar, J., s. Krepela, E., et al. 33
- Watkins, S. G., s. Kumar, R. K., et al. 243
Wilhoit, S. C., McTier, R. F., Findley, L. J., Suratt, P. M.: Treatment of obstructive sleep apnea with continuous nasal airflow 233
- Zizkova, L., s. Krepela, E., et al. 33

Announcements 64, 127**Book reviews** 255, 315**Books received** 64, 127**1984 Referees** 63

Indexed in *Current Contents*

Title and Key Word Index

(Book reviews are listed under "Books")

- Absorption 95
Adenylate cyclase activity 161
Adult respiratory distress syndrome 275
Aging 173
Airway reactivity 183
The alveolar type III cell. J. A. M. A. Dorman 327
Alveolitis 83
Ambroxol 337
The application of muscle endurance training techniques to the respiratory muscles on COPD. T. K. Aldrich 15
Atelectasis 117
Atropine 109
- Beta-adrenergic bronchodilator compounds 161
Biological transport 95
- Books**
- Cancer of the Respiratory Tract: Predisposing Factors (Carcinogenesis—a Comprehensive Survey, Volume 8). Edited by M. J. Mass, D. G. Kaufman, J. M. Siegfried, V. E. Steele, and S. Nesnow (reviewed by M. H. Williams, Jr.) 315
 - Clinical Tests of Respiratory Function. By G. J. Gibson (reviewed by M. H. Williams, Jr.) 225
 - Cor Pulmonale in Chronic Bronchitis and Emphysema. By M. L. Murphy, M. D. Rone, and R. C. Rone (reviewed by M. H. Williams, Jr.) 315
 - Progress in Biochemical Pharmacology, Vol. 20 Cyclooxygenase and Lipoxygenase Modulators in Lung Reactivity. Edited by F. Berte, S. Hurd, and R. J. Hegyeli (reviewed by M. H. Williams, Jr.) 256
 - Sarcoidosis and Other Granulomatous Disorders. By D. Geraint James and W. Jones Williams (reviewed by M. H. Williams, Jr.) 255
- Bronchi 95
Bronchiolitis 305
Bronchoalveolar lavage 117
- Capillary permeability 193
Cell culture 243
Cellular and humoral mediators of pulmonary edema. A. B. Malik, W. M. Selig, K. E. Burhop 193
Changes in muscarinic acetylcholine receptors in guinea-pig lung: effects of aging, inhalation of an allergen, administration of drugs, and vagotomy. R. Suzuki, K. Takagi, T. Satake 173
Chronic airways obstruction 15
- Citric acid 183
Collagen 1
Collagenous membrane from the surface of human visceral pleura. B. A. Bray, S. Keller, I. Mandl, G. M. Turino 361
Continuous nasal airflow 233
Connective tissue 1
Connective tissue diseases 305
Contractile and histochemical characteristics of the rabbit diaphragm in elastase-induced emphysema. S. Delperie, M. Fornaris, J. F. Peillier, M. J. Payan 221
Corticosteroids 83
Cough 183
Cyclic adenosine monophosphate (cAMP) 161
- Diaphragm 221
Diisopropyl fluorophosphate 173
Dipeptidyl peptidase IV 33
Dipeptidyl peptidase IV in mammalian lungs. E. Krepele, J. Viccar, L. Zizkova, E. Kasafirek, Z. Kolar, V. Lichnovsky 33
- Effect of ventilation by high-frequency oscillation on lung and chest wall mechanics in the dog. D. J. Gillespie, R. E. Hyatt (with M. A. Schroeder) 317
- Elastin 361
Electron microscopy 95
Endothelial cells 33
Eosinophilic granuloma 129
- Follicular bronchiolitis in association with connective tissue diseases. T. I. Fortoul, F. Cano-Valle, E. Oliva, R. Barrios 305
Free radicals 1
- Glycerophospholipid 345
- [PH] Dihydroalprenolol 161
Hemoproteins 95
Hemoptysis 151
Hemothorax 151
Histiocytosis X, pulmonary 129
Histochemistry 33
- Immunohistochemical identification of type 2 pneumocytes by an antibody to a lamellar body-enriched fraction of lung homogenate. R. K. Kumar, A. W. J. Lykke, J. Y. Truscott, S. G. Watkins, G. J. Smith 243
Immunoperoxidase techniques 243
The inhibition of lysosomal phospholipase A from rabbit lung by ambroxol and its consequences for pulmonary surfactant. M. F. Heath, W. Jacobson 337

- Indomethacin 55
 Interstitial lung diseases 305
 Intralobar pressure 117
In vitro studies on the relative potency of bronchialator agents. J. H. Fleisher, J. L. Pinnas 161
 Irritant induced cough as a model of intrapulmonary airway reactivity. T. P. Clay, M. A. Thompson 183
- Leukotrienes 55
 Lipid metabolism 345
 Lung, human 1, 55
 Lung, mammalian 33
 Lung compliance 317
 Lung membrane preparation 173
 Lung surfactant 345
 Lung surfactant and pulmonary toxicology. H. P. Haagsman, L. M. G. van Golde 275
 Lung volumes 317
 Lysosomes 337
- Mechanism of action 55
 The mechanism of action of leukotrienes A₄, C₄ and D₄ on human lung parenchyma *in vitro*. M. Chagnon, J. Gentile, M. Gladu, P. Sirois 55
 Muscarinic acetylcholine receptor 173
 Muscle contraction 221
 Muscle paralysis 317
 Myofibrillar ATPase 221
- Oxidant injury of the extracellular matrix: potential role in the pathogenesis of pulmonary emphysema. D. J. Riley, J. S. Kerr 1
 Oxidant lung injury: intervention with sulfhydryl reagents. C. E. Patterson, J. A. Butler, F. D. Byrne, M. L. Rhodes 23
 Oxygen toxicity 23
- Paraquat toxicity 23
 Perfusion 33
 pH of mucus in rabbit trachea: cholinergic stimulation and block. L. A. Gatto 109
 Phosphatidylglycerol 345
 Phosphatidylinositol 345
 Phospholipases 337
 Pilocarpine 109
 Pleural effusion 151
 Pneumothorax 151
 Pressure 317
 Proteolysis 1
 Pulmonary edema 193, 275
 Pulmonary emphysema 221
 Pulmonary endometriosis 151
 Pulmonary endometriosis. J. P. Karpel, D. Apple, A. Merav 151
- Pulmonary fibrosis 243
 Pulmonary granulomatosis 257
 Pulmonary heart disease 65
 Pulmonary histiocytosis X. T. W. Marcy, H. Y. Reynolds 129
 Pulmonary hypertension 65
 Pulmonary hypertension. J. R. Michael, W. R. Summer 65
 Pulmonary nodules 151
 Pulmonary surfactant 275, 337
 Pulmonary vasculitis 257
 Pulmonary vasculitis. D. B. Chandler, J. F. Fulmer 257
- Rat lung 327
 Rat lung membranes 161
 Respiratory disorders 275
 Respiratory muscles 15
 - endurance and training 15
 Response of the tracheobronchial epithelium to hemoprotein tracers. T. G. Christensen, A. H. Janeczek 95
 Rheumatoid lung 305
 Right ventricular hypertrophy 65
- Sarcoidosis 83
 Sjogren's syndrome 305
 Sleep apnea 233
 Subcellular sites of synthesis of phosphatidyl-glycerol and phosphatidylinositol in type II pneumocytes. J. E. Bleasdale, N. E. Tyler, J. E. Snyder 345
 Sulphydryl treatment 23
 Suppression of the alveolitis in pulmonary sarcoidosis by oral corticosteroids. G. A. Rossi, G. B. Di Negro, E. Balzano, E. Cerri, O. Sacco, B. Balbi, A. Venturini, R. Ramoino, C. Ravazzoni 83
 Surfactant apoproteins 243
- Technical variations of bronchoalveolar lavage (BAL): influence of atelectasis and the lung region lavaged. Ph. Carre, M. Lavoie, J. Belanger, Y. Cormier 117
 Thromboxanes 55
 Trachea 95
 Tracheal mucus, pH 109
 Treatment of obstructive sleep apnea with continuous nasal airflow. S. C. Wilhoit, R. F. McTier, L. J. Findley, P. M. Suratt 233
 Type 2 pneumocytes 243
- Vagotomy 173
 Volume curve 317

